

# 1st Summer School on Automotive Technology

## About the organizers

Autonomous driving, electric mobility, digital information and communication technologies have begun to fundamentally change the landscape of mobility solutions all around the world. In view of the dynamic changes occurring in the automotive segment, innovations and collaborative prepositions between academia & industry is the need of the hour. SAE India is a premier society that serves the mobility engineering fraternity towards the design, manufacture and service of self propelled vehicles & systems that move in air, space and on land. SAE Northern India Section (NIS), is one of the five sections in India for promoting and organizing activities related to mobility engineering. Northern Section has been regularly organizing technical lectures, seminars and conferences providing a platform for stakeholders from both industry and academia to interact and shows case the latest mobility trends and solutions. For more information pl visit our website <http://www.saenis.org/>  
Now, SAE NIS along with industry partners such as Indian Oil, Maruti Suzuki, ICAT etc is organizing the 1st Summer school on Automotive technology from 12-16 June 2018 at GLBITM, Greater Noida.

## Likely Speakers for Technical Sessions

*Dr. S.S. Thipse, ARAI*  
*Dr. Tapan Sahoo, MSIL*  
*Dr. Sajith V, NIT Calicut*  
*Dr. Reji Mathai, IOCL(R&D)*  
*Mr. Harjit Singh, Hero Moto Corp.*  
*Dr. K.A. Subramanian, IIT Delhi*  
*Mr. P.Panda, MSIL*  
*Mr. Rakesh Tyagi, AVL*  
*Dr. Ramesh, IIT-Madras*  
*Mr. Mahesh Agarwal, Honda R&D*  
*Mr. Anand Kumar Talari, Siemens*  
*Ms. Vijayanta Ahuja, ICAT*  
*Mr. Prashant Vijay, ICAT*  
*Mr. Phansalkar, Tenneco*

*For further Information, please contact*

**Mr. Anup Kacker**

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**12 - 16 June , 2018  
at GLBITM, Greater Noida**

**Organizers**



## Objectives

Mobility is currently dominated by a number of powerful trends. Urbanization and de-carbonization are calling for new concepts. Beyond sustainability, competition is increasingly focusing on all-encompassing service, maximized use of drive time, digital real-time economy and deep integration within the internet of things. Under the hood, this is providing some exciting and challenging prospects for technology developers in the automotive segment. Cognitive capabilities are promising to let the robots in our cars interact with humans in a natural, intuitive way. The future of intelligent cars has just begun. Further, in order to cope with the more pertinent challenges of the immediate future with respect to the reduction of GHG (Green House Gas) emissions from the transportation sector, a plethora of innovations especially in the areas of hybrid power trains, alternative fuels, and electric mobility are being explored and debated.

It is in this background that SAE-NIS along with MSIL, IOCL R & D & ICAT are jointly organizing the “1st Summer School In Automotive Technology” during 12-16th June 2018 to reinforce the need for continued knowledge sharing and interaction from various stakeholders in the automotive segment.

The programme is intended to provide a national platform for interaction between renowned automotive technologists of the country and participants, comprising senior teaching professionals and practicing engineers from Indian industry.

The program will include visits to automotive industries.

There will be an Objective Type (multiple choice questions) Test on the last day based on the topics covered during the program. Details will be provided during the program.

## Who should attend?

Faculty in Mechanical/Automobile department teaching IC Engine design/Combustion/Thermal Engineering and research scholars pursuing PhD in Automotive Technology (limited to maximum 10 research scholars).

Practicing engineers/managers working in IC engine design, transmission systems, electric vehicles, fuels & lubricants, testing & certification of vehicles should attend for burgeoning their knowledge base.

## Topics to be covered

Fuels, Alternatives, Lubricants - Session will include details of biofuels, gaseous fuels along with lubricants for different automotive applications.

Legislative testing - Session will include details of Type approvals & COP for automobiles.

Vehicle & Engine design, simulation technology, ATDs, Transmission - Session will include details of Electronic engine management system, GDI Engines, HEV & PEV technology, Dual-fuel technology along with After treatment strategy for meeting future emission norms.

## Important information

Venue : GLBITM Greater Noida

Date : 12 - 16 June 2018

Website : <http://www.saeindia.org/>

## For participants from Industry

Course Fee for participants from Industry without accommodation : A course fee of Rs 30,000/- with applicable GST @18%. The course fee will cover the program fee, course material day boarding and beverages for 5 days. Lodging should be arranged on their own. For Industry delegates, please make cheque / DD favoring “**SAE NORTHERN INDIA SECTION**” payable at **Gurugram** for the fee payment. Payments can also be deposited online to the below mentioned account of SAE NORTHERN INDIA SECTION.

## Registration Form

Name of Participant.....  
Date of Birth.....  
Organization.....  
Designation.....  
Contact Address.....  
Email ID.....  
Mobile no.....  
Signature of Sponsoring Authority / HOD.....  
Name.....  
Designation.....

## For participants from Academia

- (A) No delegate fee for the program will be charged from the Academia Participants. Lodging and day boarding will be provided free of cost. Selected participants will also be reimbursed to and fro travel cost, limited to II AC fare. Bonafide certificate from Head of Institution / Department is required to be submitted along with application for the course.
- (B) Faculty may apply on line through the link given or by sending a soft copy of the registration form given herewith by 22nd of May 2018 The selected /short listed candidates will be informed by end of May 2018. Other things being equal, preference will be given to SAE Members. All academia participants will be required to take SAEINDIA Membership.
- © The selected participants from academia will be required to submit a cheque of Rs. 5000/- as refundable deposit amount along with the application form, which will be returned to them when they report for the program. In case of non participation in the program without giving a notice of 15 days (from Head of Institutions / Head of Department on College Letter Head) prior to the start of the program, this amount of Rs. 5000/- will be encashed by SAE-NIS to cover the administrative expenses.

Payment of Registration fee for Industry Participation is to be made through cheque in favour of “**SAE NORTHERN INDIA SECTION**”. Payment cheque along with the registration form should be sent to below mentioned address:

**Mr. Anup Kacker** (Executive Director-SAE NIS)

O – II – 87 (Office No. 87, Second Floor)

Palam Vyapar Kendra, Palam Vihar, Gurugram – 122017, (HR)

Tel: 0124-4370163

## Payment Details :

A/c Name : SAE NORTHERN INDIA SECTION  
Current A/c No. : 67111655183  
IFSC / NEFT Code : SBIN0070623  
MICR No. : 110002813  
Bank's Name : STATE BANK OF INDIA  
Bank's Address : (70623) MARUTI UDYOG LTD.  
PALAM GURGAON ROAD, GURGAON – 122015